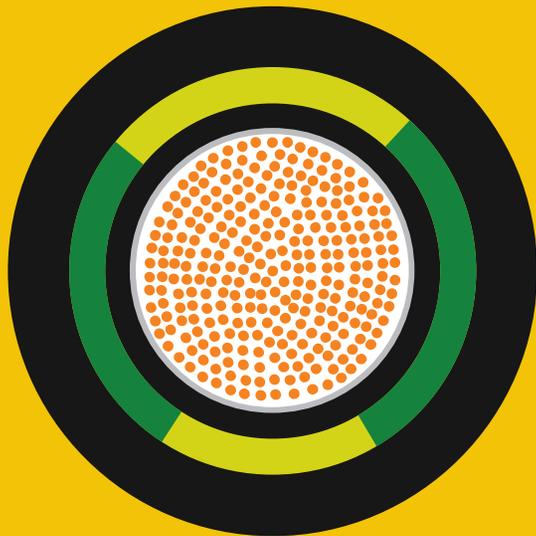




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CKS SAPFLEX PS527

Highly flexible, single core cable with PVC insulation and PVC sheath



CKS Sapflex PS527- Single core power cable for versatile use in power chains

Core Line Performance - Medium to increased travel lengths or acceleration
Well-proven and reliable

ADVANTAGES

- Multi-standard certification reduces part varieties and saves costs
- Multifunctional application possibilities
- Under consideration of the temperature range also suitable for flexible outdoor use
- Also suitable for fixed installation where space is limited
- Certified for the USA and Canada for export-oriented machine, appliance and apparatus manufacturers



APPLICATION RANGE

- In power chains or moving machine parts
- For internal wiring of electric and electronic equipment in switch cabinets
- Specially designed for power circuits of servomotors driven by frequency converters
- This cable can substitute multi-core power cables where space requirements or minimum bending radii cause problems
- Test systems in the automotive industry, vehicles and stationary fuel cell systems

PRODUCT FEATURES

- Flame-retardant
- High oil-resistance
- Low-adhesive surface

PRODUCT MAKE-UP

- Extra-fine wire strand made of bare copper wires (class 6)
- Non-woven wrapping
- Core insulation: PVC
- PVC outer sheath

TECHNICAL DATA

Classification ETIM 5	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
Classification ETIM 6	ETIM 6.0 Class-ID: EC000057 ETIM 6.0 Class-Description: Low voltage power cable
Conductor stranding	Extra-fine wire according to VDE 0295, class 6/IEC 60228 class6
Minimum bending radius	Flexing: up from 7.5 x outer diameter Fixed installation: 3 x outer diameter
Nominal voltage	IEC: U0/U 600/1000 V UL & CSA: 600 V
Test voltage	4000 V
Temperature range	Flexing: -5°C to +70°C (UL: +90°C) Fixed installation: -40°C to +80°C (UL: +90°C)

ELECTRICAL INFORMATION

Article number	Conductor cross-section (mm ²)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
CKS SAPFLEX PS527				
CKS PS513-10	10	9	96	176
CKS PS513-16	16	10.5	153.6	240
CKS PS513-25	25	11.8	240	361
CKS PS513-35	35	14.2	336	482
CKS PS513-50	50	16.2	480	660
CKS PS513-70	70	18.3	672	898
CKS PS5013-95	95	19.8	912	1179
CKS PS513-120	120	23.4	1152	1521
CKS PS513-150	150	25.1	1440	1739
CKS PS513-185	185	28.1	1776	2305
CKS PS513-240	240	31.6	2304	2944
CKS PS513-300	300	33.5	2880	3545

